

ABSTRACT OF THE DISCLOSURE

AN APPARATUS FOR VOICE-ACTIVATED CONTROL OF AN ELECTRICAL
DEVICE COMPRISES A RECEIVING ARRANGEMENT FOR RECEIVING AUDIO
DATA GENERATED BY USER. A VOICE RECOGNITION ARRANGEMENT IS
5 PROVIDED FOR DETERMINING WHETHER THE RECEIVED AUDIO DATA IS A
COMMAND WORD FOR CONTROLLING THE ELECTRICAL DEVICE. THE VOICE
RECOGNITION ARRANGEMENT INCLUDES A MICROPROCESSOR FOR
COMPARING THE RECEIVED AUDIO DATA WITH VOICE RECOGNITION DATA
PREVIOUSLY STORED IN THE VOICE RECOGNITION ARRANGEMENT. THE
10 VOICE RECOGNITION ARRANGEMENT GENERATES AT LEAST ONE CONTROL
SIGNAL BASED ON THE COMPARISON WHEN THE COMPARISON REACHES A
PREDETERMINED THRESHOLD VALUE. A POWER CONTROL CONTROLS POWER
DELIVERED TO THE ELECTRICAL DEVICE. THE POWER CONTROL IS
RESPONSIVE TO AT LEAST ONE CONTROL SIGNAL GENERATED BY THE
15 VOICE RECOGNITION ARRANGEMENT FOR OPERATING THE ELECTRICAL
DEVICE IN RESPONSE TO THE AT LEAST ONE AUDIO COMMAND GENERATED
BY THE USER. AN ARRANGEMENT FOR ADJUSTING THE PREDETERMINED
THRESHOLD VALUE IS PROVIDED TO CAUSE A CONTROL SIGNAL TO BE
GENERATED BY THE VOICE RECOGNITION ARRANGEMENT WHEN THE AUDIO
20 DATA GENERATED BY THE USER VARIES FROM THE PREVIOUSLY STORED
VOICE RECOGNITION DATA.